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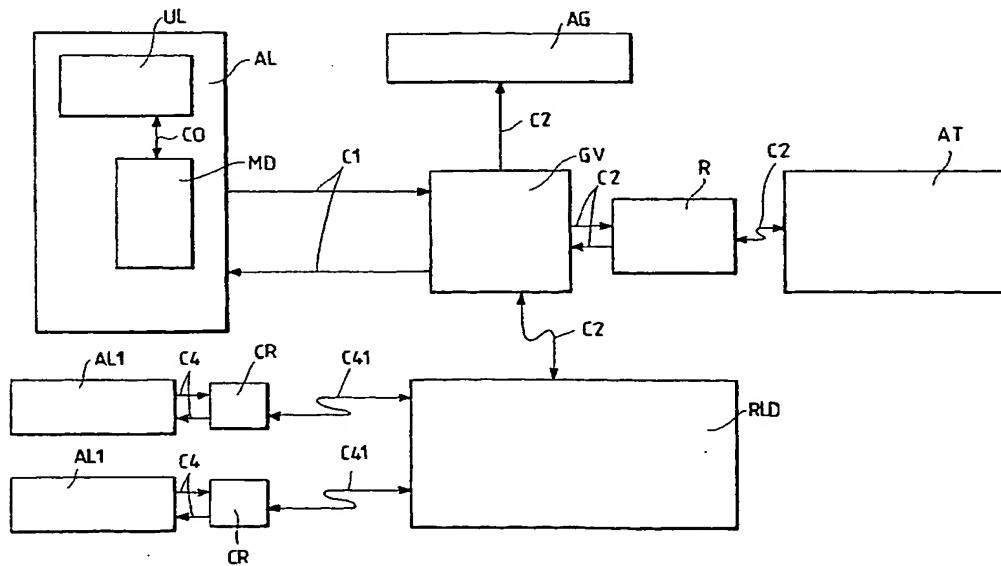
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(54) Title: TELECOMMUNICATIONS AND TELEPHONY NETWORK

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(57) **Abstract:** An integrated telecommunications and telephony network (AT), which is independent from the conventional service companies, and can guarantee global connectivity (geographical, vocal, data, fax, video, points of access for dedicated mobile devices, Internet access) between users of the same network, as well as with users of networks which belong to other mobile or fixed telephony service companies, comprising a network structure which is controlled in accordance with an IP protocol (Internet Protocol), which guarantees the connectivity between the different local exchanges (CL) and local residents' exchanges, whereas at local level the user has standard telephone numeration available in order to access the service; the local user accesses the local exchanges (CL) by means of bi-directional satellite stations and/or sites.